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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10574554 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>DE MARIA ET AL. |
|  | <b>Examiner</b><br><br>WILLIAM W MOORE         | <b>Art Unit</b><br><br>1656   |

| SEARCHED |   |          |          |
|----------|---|----------|----------|
| Class    | Subclass                                  | Date     | Examiner |
|          | No classification-based search conducted. | 20090716 | WWM      |
|          | No classification-based search conducted. | 20100720 | WWM      |

| SEARCH NOTES   |          |          |
|--|----------|----------|
| Search Notes   | Date     | Examiner |
| Region 195-382 of SEQ ID NO:2 - mature protease - searched in the A-GeneSeq 200812, UniProt 14.6, PIR 80, US Patent, and US Pre-Grant Publication main and new amino acid sequence databases.  | 20090716 | WWM      |
| Region 195-382 of SEQ ID NO:2 - mature protease - searched AGAINST, P2N, the N-GeneSeq 200812, GenEmbl, EST, US Patent, and US Pre-Grant Publication main and new nucleic acid sequence databases.   | 20090716 | WWM      |
| Region 77-131 of SEQ ID NO:2 searched in the A-GeneSeq 200907, UniProt 15.5, PIR 80, US Patent, and US Pre-Grant Publication main and new amino acid sequence databases.   | 20091002 | WWM      |
| Results of SCORE sequence search conducted 20090716 for positions 195-382 of SEQ ID NO:2 in the A-GeneSeq 200812, UniProt 14.6, PIR 80, US Patent, and US Pre-Grant Publication main and new amino acid sequence databases reviewed and considered.      | 20100720 | WWM      |
| Results of SCORE sequence search conducted 20090716 for positions 195-382 of SEQ ID NO:2 AGAINST, P2N, the N-GeneSeq 200812, GenEmbl, EST, US Patent, and US Pre-Grant Publication main and new nucleic acid sequence databases reviewed and considered. | 20100720 | WWM      |
| Inventor name and assignee search conducted in WEST's USPT and PGPB databases, crossed with genus source and "protease/peptidase/proteinase/proteoly\$3". See PDF format search strategy scanned with communication this date.                           | 20100723 | WWM.     |
| Date-limited text search in WEST's USPT, PGPB, DWPI, EPAB, and JPAB databases for modification of a Nocardiosis "protease/peptidase/proteinase/proteoly\$3". See PDF format search strategy scanned with communication this date.                        | 20100723 | WWM      |

| INTERFERENCE SEARCH |   |          |          |
|---------------------|---|----------|----------|
| Class               | Subclass                                  | Date     | Examiner |
|                     | No classification-based search conducted. | 20090716 | WWM      |

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## INTERFERENCE SEARCH

| Class | Subclass  | Date     | Examiner |
|-------|---|----------|----------|
|       | Region 195-382 of SEQ ID NO:2 - mature protease - searched in the US pending application main and new amino acid sequence databases.  | 20090716 | WWM      |
|       | Region 195-382 of SEQ ID NO:2 - mature protease - searched AGAINST, P2N, the US pending application main and new nucleic acid sequence databases.   | 20090716 | WWM      |
|       | Region 77-131 of SEQ ID NO:2 searched in the US pending application main and new amino acid sequence databases.   | 20091002 | WWM      |
|       | No classification-based search conducted.   | 20100720 | WWM      |
|       | Results of SCORE sequence search conducted 20090716 for positions 195-382 of SEQ ID NO:2 in the US pending application main and new amino acid sequence databases reviewed and considered.              | 20100720 | WWM      |
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